

Converting Colors

CIELCh(76, 11.355, 223.695)

Have a look what the booklet for
CIELCh(76, 11.355, 223.695)
contains.

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Color

CIELCh(76, 11.458, 220.865)

Conversions

Conversions Part 1

Format	Color
Hex	A2C1C9
RGB	162, 193, 201
RGB Percent	64%, 76%, 79%
CMY	0.3657, 0.2441, 0.2128
CMYK	0.19, 0.04, 0.00, 0.21
HSL	192°, 26%, 71%
HSV	192°, 19%, 79%
XYZ	44.3754, 49.8872, 62.3901
YIQ	184.6430, -21.0440, -4.0840

Conversions

Conversions Part 2

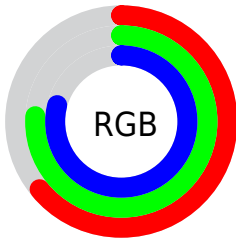
Format	Color
RYB	162, 179, 201
Decimal	10666441
CIELab	76.00, -8.67, -7.50
CIElCh	76, 11.458, 220.865
Yxy	49.8872, 0.2833, 0.3185
Android (android.graphics.Color)	4288856521 (0xFFA2C1C9)
YUV	184.6430, 8.0640, -19.8579
Hunter-Lab	70.6309, -11.4575, -2.9307

Details

The CIELCh color **76, 11.458, 220.865** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 13.006, 39.704**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.105, 214.951**, and **56, 11.279, 222.608** is the 20% darker color. If you saturate the color by 10%, you get **74, 16.792, 221.488**, and if you desaturate by 10%, it is **78, 5.714, 220.449**.

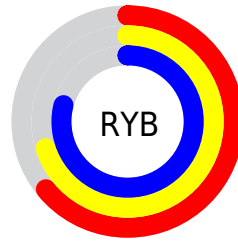
Distribution



Red (64%)

Green (76%)

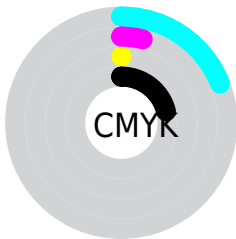
Blue (79%)



Red (64%)

Yellow (70%)

Blue (79%)

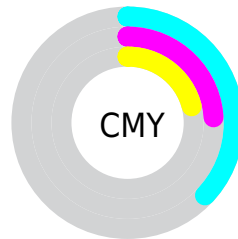


Cyan (19%)

Magenta (4%)

Yellow (0%)

Black (21%)



Cyan (37%)


Magenta (24%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.458, 220.865 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 76, 11.458, 220.865 by changing the saturation by 10% instead.


 76, 11.458,
220.865


 76, 11.458,
220.865


 100, 11.458,
220.865


 66, 11.458,
220.865


 96, 11.458,
220.865

 56, 11.458,
220.865

 46, 11.458,
220.865

 36, 11.458,
220.865

 26, 11.458,
220.865

 16, 11.458,
220.865

 6, 11.458, 220.865

0, 11.458, 220.865

76, 11.458,
220.865

76, 11.458,
220.865

74, 16.792,
221.488

78, 5.714, 220.449

71, 21.624,
222.370

81, 0.355, 38.518

84, 6.675, 39.776

69, 25.863,
223.560

86, 13.183, 39.715

67, 29.431,
225.129

89, 17.211, 42.590

90, 16.776, 51.094

66, 32.273,
227.161

91, 16.732, 59.831

64, 34.381,
229.739

92, 17.080, 68.392

■ 62, 35.812,
232.935

■ 93, 17.795, 76.413

■ 61, 36.759,
236.699

■ 61, 36.813,
236.919

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 11.458, 220.865



72, 13.006, 39.704

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 11.458, 220.865



76, 11.458, 270.865



76, 11.458, 40.865



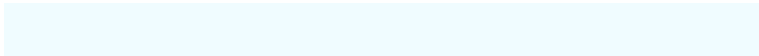
76, 11.458, 90.865

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76, 11.458, 220.857



98, 4.454, 220.383



77, 22.198, 149.184



52, 2.950, 220.391



0, 0.000, 0.000



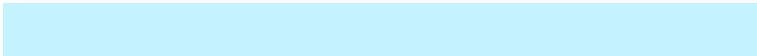
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 11.458, 220.857



93, 16.276, 221.076



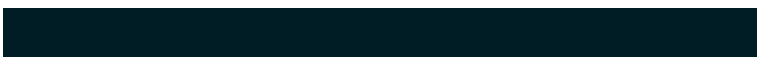
71, 15.344, 276.395



41, 3.413, 220.448



50, 31.515, 236.255



9, 11.153, 227.174

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71, 22.206, 331.922



86, 31.956, 332.182



77, 15.294, 91.287



39, 6.402, 331.259



37, 70.703, 338.349



4, 22.346, 335.273

Previews

White Background



This preview shows how the CIELCh color 76, 11.458, 220.865 looks on a white background.

Color Contrast Check

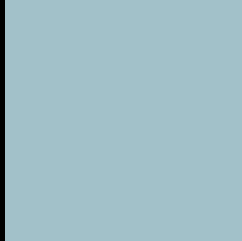
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 11.458, 220.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

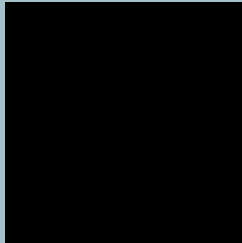
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

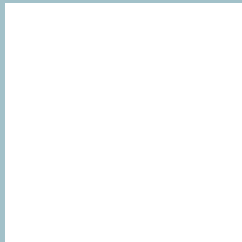
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.458, 220.865

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.458, 220.865.

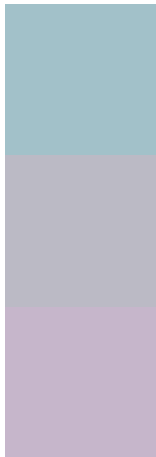


This preview shows how white text looks on a background with the CIELCh color 76, 11.458, 220.865.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

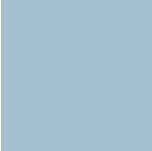
Dichromacy



Original Color
76, 11.458, 220.865

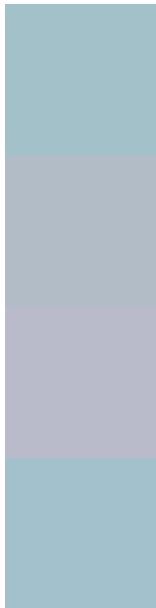
Protanopia
76, 5.948, 294.227

Deuteranopia
76, 12.777, 318.087



Tritanopia
76, 12.595, 238.906

Trichromacy



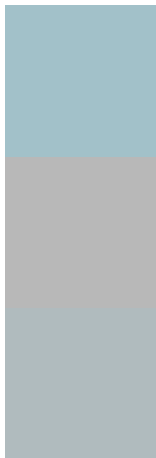
Original Color
76, 11.458, 220.865

Protanomaly
76, 6.400, 256.789

Deuteranomaly
76, 8.626, 288.618

Tritanomaly
76, 12.005, 234.638

Monochromacy



Original Color
76, 11.458, 220.865

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.276, 221.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.458, 220.865 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(162, 193, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 193, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.458, 220.865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 193, 201) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(162, 193, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(162, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(162, 193,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.458, 220.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 193, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
193, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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